

IN THE SPECIFICATION

Please amend the paragraph beginning at page 1, line 10, as follows:

5 In wireless optical communication systems, the optical signal propagates in free
space. In contrast to radio frequency (RF) communication systems, optical wireless communication
systems are extremely directional. Thus, precise alignment is required between the transmitting unit
and the receiving unit. The highly directional nature of wireless optical communication systems,
however, provides the advantage of improved security, since the optical signal can only be
intercepted along the path of the transmitted light. Another advantage of the optical wireless link is
10 that the optical portion of the spectrum is not regulated by the government. Thus, a government
license is not required to operate the transmitter and receiver, unlike a comparable radio frequency
(~~RF~~) wireless communication system. More importantly, the bandwidth or information carrying
capacity of optical wireless systems is much greater than that of RF wireless communication
systems.